FACTS & FIGURES
(DOMESTIC)

PRODUCTION	9-23-79	Previous	Yr. Ago
Bituminous	14,300	16,305	13,470
Anthracite	125	150	120
RRcarloadings, Bitum	99,505	113,446	86,413
RR carloadings, Anthra	651	899	1,576

Production in tons (000), week ended Sept. 8.
Carloadings in R.R. cars, week ended Sept. 8.
Source: U.S. Dept. of Energy, Energy Information Administration - Weekly Coal Report. Association of American Railroads, Car Service Division - Statemetn CS-54A

By States (Bituminous and Lignite)

Eastern	Latest	Previous	Yr. Ago
Alabama	480	520	419
Georgia	10	15	15
Illinois	1,206	1,276	1,255
Indiana	508	536	514
Kentucky:			
Eastern	2,187	1,829	1,784
Western	840	861	843
Total Ky.	3,027	2,690	2,627
Maryland	100	100	87
Ohio	820	893	932
Pennsylvania	1,960	1,939	1,799
Tennessee	196	214	247
Virginia	882	841	548
West Virginia	2,092	2,033	1,577
Total: Eastern	11,281	11,057	10,020
Western			
Alaska	15	15	15
Arizona	275	250	260
Arkansas	14	15	15
Colorado	234	285	222
Iowa	19	15	5
Kansas	9	14	13
Missouri	112	124	112
Montana	886	750	747
New Mexico	207	200	182
North Dakota	276	307	255
Oklahoma	78	161	99
Texas	425	450	317
Utah	216	248	228
Washington	95	90	88
Wyoming	1,063	1,029	862
Total: Western	3,924	3,953	3,420
Total: United States	15,205	15,010	13,440

In short tons (000), week ended Aug. 11.
Source: Dept. of Energy, Energy Information Admin.: Weekly Coal Report

Work Force

	6/79	5/79	6/78
All employees			
Coal mining	249.6	247.6	246.3
Bituminous & lignite	246.5	244.5	243.1
Production employees			
Coal mining	207.6	206.2	204.6
bituminous & lignite	204.9	203.5	201.9

Workers in (000), month ended June. Preliminary.

Weekly Ave—Hrs.

Coal mining	41.4	41.1	41.2
Bituminous & lignite	41.4	41.1	41.3

Month ended June 30, preliminary.

Earnings, hourly avg in $	Latest	Previous	Yr. Ago
Coal mining	10.47	10.38	9.50
Bituminous & lignite	10.50	10.41	9.53
Earnings, weekly average			
Coal mining	433.46	426.62	391.40
Bituminous & lignite	434.70	427.85	393.59

Note: June, 1979 data is preliminary
Source: Dept. of Labor, Bureau of Labor Statistics - Employment and Earnings

TRANSPORTATION

Eastern district	9/8	9/1	Yr. Ago
Bessemer and Lake Erie	1,400	1,770	1,456
Baltimore and Ohio	4,629	5,233	6,601
Chesapeake and Ohio	11,379	13,640	11,919
Consolidated Rail Corp.	7,921	9,475	9,072
Illinois Terminal	158	157	—
Norfolk and Western	15,388	18,558	—
Pittsburgh & Lake Erie	187	189	598
Western Maryland	1,112	1,214	1,528
Other, eastern district	5	1	20
Total, eastern district	42,179	50,237	31,194
Southern district			
Clinchfield Railroad	1,418	1,790	1,972
Illinois Central Gulf	3,556	4,384	4,202
Louisville & Nashville	14,174	16,027	15,190
Southern Railway	6,918	7,847	6,578
Other, southern district	2	19	1
Total, southern dist.	26,068	30,067	27,943
Western district			
Atchison, Topeka & Santa Fe	925	1,456	898
Burlington Northern	16,272	17,420	14,547
Chicago & North Western	369	439	610
Denver & Rio Grande Wstrn	3,040	3,635	2,573
Kansas City Southern	103	135	61
Chicago, Milwaukee, St. Paul & Pac.	861	1,178	681
Missouri-Kansas-Texas	180	231	177
Missouri Pacific	3,510	4,491	2,869
Chicago, Rock Is. & Pacific	27	27	326
St. Louis-San Francisco	818	813	819
Sno Line	160	117	82
Union Pacific	2,990	3,666	3,439
Other, western district	3	1	194
Total Western district	31,258	33,609	27,276
Total, all districts	99,505	113,913	86,413

Railroad revenue freight loaded, week ended June 25.
Source: Assoc. of Amer. Railroads, Car Service Division - Statement CS-54A

Inland Rivers	9/15/79	9/8/79	9/16/78
Monongahela River, Lock 3	298,042	263,720	370,428
Allegheny River, Lock 2	32,250	36,900	25,100
Ohio River, Mntgmry Lock	160,300	233,150	—

In short tons through locks, week ended Sept. 15, 1979
Source: U.S. Army, Corps of Engineers, Pittsburgh District

CONSUMPTION	5/79	4/79	5/78
Electric power Utilities	41,419	38,839	37,126
Bunker, foreign & lake vessel	1	1	1
Manufacturing & mining industries:			
Beehive coke plants	62	63	50
Oven coke plants	6,494	6,366	6,356
Steel & rolling mills	241	225	310
Other mfg. and mining industries including cement	4,228	4,374	4,416
Total, industrial	52,445	49,868	48,259
Retail deliveries	394	465	495
Total, all consumption	52,839	50,333	48,754

In short tons (000), month ended May 31

User Stocks

Electric power utilities	131,446	122,811	98,481
Manufacturing & mining industries:			
Oven coke plants	8,854	8,317	7,129
Steel & rolling mills	331	340	150
Other mfg. and mining industries including cement	6,054	5,925	4,960
Total, industrial	146,685	137,393	110,720
Retail dealer stocks	315	275	175
Total, all stocks of coal	147,000	137,668	110,895

In short tons (000), month ended May 31

Days' Supplies

Electric power utilities	98	95	82
Manufacturing & mining industries:			
Oven coke plants	42	39	35
Steel and rolling mills	42	45	15
Other mfg. and mining industries including cement	44	41	35
Total, industrial	87	83	71
Retail dealer stocks	25	18	11
Total, all coal users	86	82	71

In days, month ended May 31
Source: U.S. Dept. of Energy, Energy Information Admin.: Weekly Coal Report

USERS' OUTPUT

Major direct users:			
Electric utilities (Mil. Kw)	43,370	44,980	44,585
Steel (short tons-000)	2,431	2,464	2,640
Cement, Portland, U.S. shipments	7,939,759	8,313,071	7,743,182
Other significant output:			
Aluminum, order receipts (Mil. lbs.)			
5-week moving aver. (week Sept. 8)	238	242	267
Annual rate	12,227	12,584	13,884
Motor vehicle production, Total (week Sept. 15)	204,172	153,318	260,723
Machine tools			
Net new orders July	362,350	422,600	321,550
Shipments	270,750	350,550	208,400

Utilities—week ended Sept. 15; Steel—week ended Sept. 15; Cement—month ended July; Machine Tools—month ended July.
Sources: Edison Electric Institute, American Iron & Steel Institute, U.S. Dept of Interior, Bureau of Mines, Div. Nonmetallic Minerals, Aluminum Association, Motor Vehicle Manufacturers Assoc., National Machine Tool Builders Assoc.

PRICE INDEXES			
Anthracite	454.5	452.8	441.7
Chestnut, Pa. mine	409.7	408.1	406.0
Buckwheat No. 1, Pa. mine	362.3	364.6	363.2
Bituminous coal	472.7	465.9	462.9
Domestic sizes	454.9	453.2	441.9
Retail dealers	573.9	573.9	566.8
Industrial sizes, spot	271.5	271.5	268.2
Steam electric util.	394.4	392.0	398.4
Manufacturing	117.6	115.0	119.5
Metallurgical, high volatile	251.0	251.0	256.1
Metallurgical, low & medium volatile	710.0	710.0	715.9
Industri sizes, contract	707.1	706.0	703.1
Manufacturing	128.4	128.0	123.3
Metallurgical, high volatile	116.9	116.9	114.7
Coke (Foundry by-product)	104.4	104.4	107.7
Birmingham, Ala.	430.6	430.6	418.8
Milwaukee, Wis.	434.0	—	419.0
Detroit, Mich.	420.4	420.4	405.9
Indianapolis, Ind.	422.4	427.4	415.8
St. Louis, Missouri	437.7	437.7	424.2
Philadelphia, Penna.	286.8	286.8	277.8
	285.8	285.8	276.8

Prices for month of Aug. '79 for Anthracite & Bituminous Coal. Index Bases: For Retail Dealers—Dec. '75=100; For Industrial Sizes—Spot; All Metallurgical & Coke (foundry by-product)—1967=100; Steam Elec. Util.—Dec. '73=100.
Source: U.S. Dept. of Labor: Producer Prices and Price Indexes.

Abbreviations

DOE — Dept. of Energy
EIA — Energy Information Admin.
AAR — Assn. of American Railroads
EEI — Edison Electric Institute
MVMA — Motor Vehicle Mfrs. Assn
COE — Corps of Engineers
Bit. — Bituminous
Lig. — Lignite
Ant. — Anthracite

U.S. ELECTRIC UTILITY PLANTS
Fuel Prices in Cents per Million British Thermal Units
Steam-Electric Plants, Monthly Purchases - Average

	Fuel	April 1979	March 1979	April 1978	Change 4/78 to 4/79
U.S. TOTAL	Coal	120.1	116.8	110.9	+ 8.3%
	Oil	268.0	261.4	215.4	+24.4%
	Gas	164.4	162.8	140.2	+17.3%
NEW ENGLAND	Coal	150.9	149.9	153.4	— 1.6%
	Oil	250.8	255.8	201.1	+24.7%
	Gas	233.9	224.0	184.2	+27.0%
MIDDLE ATLANTIC	Coal	121.9	123.7	116.4	+ 4.7%
	Oil	273.7	266.4	210.9	+29.8%
	Gas	190.1	179.3	161.5	+17.7%
EAST NORTH CENTRAL	Coal	129.0	126.7	117.8	+ 9.5%
	Oil	307.2	302.5	260.3	+18.0%
	Gas	244.3	242.3	191.8	+27.4%
WEST NORTH CENTRAL	Coal	98.5	95.6	87.6	+12.4%
	Oil	277.0	246.4	198.1	+39.8%
	Gas	143.8	137.6	118.0	+21.9%
SOUTH ATLANTIC	Coal	137.8	136.0	130.6	+ 5.5%
	Oil	266.4	255.7	200.5	+32.9%
	Gas	119.7	118.5	102.9	+16.3%
EAST SOUTH CENTRAL	Coal	129.6	125.8	123.1	+ 5.3%
	Oil	212.1	211.6	198.6	+ 6.8%
	Gas	172.3	169.1	151.0	+14.1%
WEST SOUTH CENTRAL	Coal	94.9	92.9	67.0	+41.6%
	Oil	232.4	255.1	191.9	+21.1%
	Gas	149.2	142.5	137.7	+ 8.4%
MOUNTAIN	Coal	74.0	65.0	48.1	+53.8%
	Oil	276.5	246.4	214.4	+29.0%
	Gas	182.3	196.9	127.5	+43.0%
PACIFIC	Coal	82.7	83.4	78.8	+ 4.9%
	Oil	283.1	265.2	256.8	+10.2%
	Gas	221.6	222.0	220.1	+ 0.7%

Source: U.S. Dept. of Energy, Energy Information Administration, Asst. Administrator for Energy Data — Cost and Quality of Fuels for Electric Utility Plants — April 1979

(IMPORTS)

IMPORTS	Latest	Previous	Yr. Ago	Latest	Previous	Yr. Ago	Latest	Prev.	Yr Ago
Bituminous coal									
Australia	—	—	129,770	—	—	3,212,384	—	—	24.75
Canada	74	724	44	6,142	65,797	3,740	83.00	90.88	85.00
Poland	26,461	—	28,602	842,328	—	915,200	31.83	—	32.00
South Africa	22,200	134,010	111,089	444,000	2,835,309	2,196,238	20.00	21.16	19.77
Total, all nations	48,735	134,734	269,505	1,292,470	2,901,106	6,327,562	26.52	21.53	23.48
Coke, suitable for fuel									
Argentina	—	—	—	—	—	—	—	—	—
Belgium	32,325	17,137	—	2,685,387	1,490,897	—	83.07	87.00	—
Canada	17,078	8,541	7,706	1,420,443	668,465	535,821	83.17	87.27	69.52
Colombia	—	—	—	—	—	—	—	—	—
France	33,599	50,645	11,574	2,966,147	4,325,927	919,627	88.28	85.42	79.46
Germany, F.R. (West)	257,314	341,248	530,590	21,573,670	28,570,883	42,368,363	83.84	83.72	79.85
Italy	17,912	—	—	1,558,377	—	—	87.00	—	—
Japan	107,473	148,553	—	9,348,416	12,348,167	—	86.98	83.12	—
Netherlands	—	—	37,481	—	—	2,982,029	—	—	79.56
Norway	—	—	—	—	—	—	—	—	—
Sweden	—	—	—	—	—	—	—	—	—
United Kingdom	—	—	17,029	—	—	1,297,737	—	—	76.21
Total, all nations	465,701	566,124	604,380	39,552,440	47,404,340	48,103,577	84.93	83.73	79.59
Compositions									
Canada	2,461	4,497	1,442	67,076	114,071	41,664	27.26	25.37	28.89
Germany, F.R. (West)	—	—	—	—	—	—	—	—	—
Total, all nations	2,461	4,497	1,442	67,076	114,071	41,664	27.26	25.37	28.89
Coal, other including lignite									
Australia	—	—	—	—	—	—	—	—	—
Canada	3,758	4,363	3,542	112,775	134,373	107,514	30.01	30.80	30.75
China, Taiwan	—	—	—	—	—	—	—	—	—
Germany, F.R. (West)	—	—	—	—	—	—	—	—	—
Hong Kong	—	—	—	—	—	—	—	—	—
Ireland	—	—	—	—	—	—	—	—	—
Japan	—	—	—	—	—	—	—	—	—
Mexico	20	—	—	2,560	—	—	128.00	—	—
Netherlands	44	—	—	1,202	—	—	27.31	—	—
Poland	35,591	69,855	39,824	1,286,718	2,025,805	1,035,450	36.15	28.76	26.00
South Africa	—	—	—	—	—	—	—	—	—
Total, all nations	39,413	74,218	43,366	1,403,255	2,160,178	1,142,964	35.60	29.11	26.36

In short tons, month ended July 1979
Source: Data derived from that presented in U.S. Dept. of Commerce, Bureau of the Census, Foreign Trade Division - IM 145X

INTERNATIONAL ENERGY CONSERVATION MONTH

FACTS & FIGURES
(EXPORTS)

Low volatile bituminous coal and blends to make coke:	Physical Volume			Dollar Value			Prices—Avg. Value per Short Ton			
Asia & Africa										
China, Taiwan	74,446	—	25,230	4,571,145	—	1,503,903	63.10	—	59.61	
Egypt	122,803	—	90,486	6,196,901	—	3,473,200	50.46	—	38.38	
Iran	—	—	—	—	—	—	—	—	—	
Israel	—	—	—	—	—	—	—	—	—	
Japan	1,139,189	1,303,938	840,397	65,557,009	77,236,158	47,740,200	57.55	59.23	56.81	
Korea, South	67,381	94,871	—	3,369,030	4,796,743	—	50.00	50.56	—	
Kuwait	—	60	—	—	2,609	—	—	43.48	—	
Saudi Arabia	—	—	—	—	—	—	—	—	—	
Turkey	47,066	140,882	23,424	2,227,221	6,753,484	1,129,367	47.32	47.94	48.21	
Total, Asia & Africa	1,448,885	1,539,751	979,537	81,921,315	88,788,994	53,846,670	56.54	57.66	54.97	
Europe										
Albania	17,118	17,118	—	799,740	799,718	—	46.72	46.72	—	
Belgium	352,031	162,055	65,002	17,939,254	7,062,506	3,366,211	50.96	43.58	51.79	
France	264,649	167,218	135,227	13,964,727	9,402,639	6,909,165	52.77	56.23	51.09	
Germany, D.R.	—	—	—	—	—	—	—	—	—	
Germany, F.R. (West)	147,358	153,419	54,566	7,636,862	6,544,915	3,113,208	51.83	42.66	57.05	
Italy	375,503	346,452	298,883	19,959,896	17,250,883	14,799,147	53.16	49.79	49.51	
Netherlands	130,987	213,392	90,981	7,362,087	11,106,892	4,787,346	56.20	52.05	52.62	
Norway	11,670	37,482	—	799,858	1,666,176	—	68.54	44.45	—	
Portugal	—	64,838	7,275	—	3,831,005	545,625	—	59.09	75.00	
Romania	—	121,216	60,627	—	5,597,270	2,640,000	—	46.18	43.54	
Spain	35,363	167,632	108,711	1,907,734	8,573,944	5,676,871	52.95	51.15	52.22	
Sweden	52,886	110,108	44,495	2,494,832	6,154,631	2,530,166	47.17	55.90	56.86	
United Kingdom	39,903	64,165	68,440	2,163,578	3,581,439	3,797,189	54.22	55.82	55.48	
Yugoslavia	143,551	168,601	39,917	6,875,881	8,034,098	2,133,072	47.90	47.65	53.44	
Total, Europe	1,571,019	1,793,696	974,124	81,904,449	89,606,116	50,298,000	52.13	49.96	51.63	
Western Hemisphere										
Argentina	119,899	57,914	64,702	5,801,790	2,756,112	3,482,336	48.39	47.59	53.82	
Barbados	—	—	—	—	—	—	—	—	—	
Brazil	292,201	301,738	127,514	16,670,172	17,530,248	6,813,702	57.05	58.19	53.43	
Canada	987,367	739,535	415,756	56,944,032	41,762,223	22,873,576	57.67	56.47	55.02	
Chile	4,253	—	—	242,117	—	—	56.93	—	—	
Costa Rica	—	—	—	—	—	—	—	—	—	
Honduras	—	—	5	—	—	950	—	—	190.00	
Mexico	49,631	48,680	41,631	2,384,738	2,427,870	1,897,299	48.05	49.87	45.57	
Peru	—	—	—	—	—	—	—	—	—	
Venezuela	—	—	—	—	—	—	—	—	—	
Total, West. Hmsphr	1,453,351	1,147,367	649,608	82,042,849	64,476,453	35,067,863	56.45	56.20	53.98	
Total, all nations	4,473,255	4,480,814	2,603,269	245,868,613	242,871,563	139,212,533	54.96	54.20	53.48	
Bituminous coal, others:										
Asia & Africa										
China, Taiwan	959	—	—	38,360	—	—	40.00	—	—	
Egypt	101,763	—	—	5,393,439	—	—	53.00	—	—	
Japan	82,392	15,605	10,277	4,305,333	830,982	483,060	52.25	53.25	47.00	
Saudi Arabia	—	—	—	—	—	—	—	—	—	
Singapore	—	—	—	—	—	—	—	—	—	
South Africa	10	—	—	5,064	—	—	506.40	—	—	
Total, Asia & Africa	185,784	15,605	10,277	9,742,196	830,982	483,060	52.63	53.25	47.00	
Europe										
Germany, D.R. (East)	—	—	—	—	—	—	—	—	—	
Germany, F.R. (West)	58,784	—	—	2,714,421	—	—	46.18	—	—	
Italy	—	—	7,090	—	—	294,345	—	—	41.52	
Netherlands	—	—	—	—	—	—	—	—	—	
Spain	—	80,289	—	—	3,558,141	—	—	44.32	—	
United Kingdom	—	—	—	—	—	—	—	—	—	
Total, Europe	58,784	80,289	7,090	2,714,421	3,558,141	294,345	46.18	44.32	41.52	
Western Hemisphere										
Brazil	—	—	—	—	—	—	—	—	—	
Canada	1,531,623	1,315,138	906,279	59,138,250	52,294,266	33,527,501	38.61	39.76	36.99	
Dominican Republic	—	—	211	—	—	36,273	—	—	171.91	
Honduras	—	—	—	—	—	—	—	—	—	
Jamaica	14	—	—	3,136	—	—	224.00	—	—	
Mexico	45	2,633	3,981	1,808	114,105	157,874	40.18	43.34	39.66	
Panama	—	—	—	—	—	—	—	—	—	
Peru	138	—	—	5,440	—	—	39.42	—	—	
Surinam	—	18	—	—	1,530	—	—	85.00	—	
Venezuela	—	34	—	—	3,426	—	—	100.76	—	
Total West Hmsphr	1,531,820	1,317,823	910,471	59,148,634	52,413,327	33,721,648	38.61	39.77	37.04	
Total, all nations	1,775,728	1,413,717	927,838	71,605,251	56,802,450	34,499,053	40.32	40.18	37.18	
Lignite:										
Asia & Africa										
Algeria	—	25	—	—	8,385	—	—	335.40	—	
Arab Em.	173	11	—	78,986	6,774	—	456.57	615.82	—	
Australia	—	—	—	—	—	—	—	—	—	
Cameroon	—	—	—	—	—	—	—	—	—	
Egypt	—	—	—	—	—	—	—	—	—	
Gabon	—	—	—	—	—	—	—	—	—	
India	22	—	—	8,448	—	—	384.00	—	—	
Iraq	440	—	—	165,349	—	—	375.79	—	—	
Israel	—	—	—	—	—	—	—	—	—	
Japan	110	67	—	12,122	7,435	—	110.20	110.97	—	
Libya	—	—	—	—	—	—	—	—	—	
New Zealand	—	30	—	—	9,264	—	—	308.80	—	
Nigeria	60	—	—	28,427	—	—	473.78	—	—	
Oman	—	—	—	—	—	—	—	—	—	
Philippine Rep.	—	—	—	—	—	—	—	—	—	
Quatar	—	—	—	—	—	—	—	—	—	
Saudi Arabia	—	—	—	—	—	—	—	—	—	
Singapore	34	62	512	10,064	19,985	213,959	296.00	322.34	417.89	
Tanzania	—	—	—	—	—	—	—	—	—	
Tunisia	—	21	—	—	13,548	—	—	645.14	—	
Zaire	—	—	—	—	—	—	—	—	—	
Total, Asia & Africa	839	216	512	303,396	65,391	213,959	361.62	302.74	417.89	
Europe										
France	—	—	17	—	—	6,281	—	—	369.47	
Germany, F.R. (West)	—	44	—	—	6,600	—	—	150.00	—	
Italy	89	—	—	56,297	—	—	632.55	—	—	
Netherlands	—	—	—	—	—	—	—	—	—	
Norway	—	—	—	—	—	—	—	—	—	
Sapin	—	—	—	—	—	—	—	—	—	
Switzerland	17	—	—	8,709	—	—	512.29	—	—	
United Kingdom	—	—	30	—	—	11,572	—	—	385.73	
Total, Europe	106	44	47	65,006	6,600	17,853	613.26	150.00	379.85	
Western Hemisphere										
Argentina	—	54	44	—	6,749	1,636	—	124.98	37.18	
Brazil	—	12	—	—	10,531	—	—	877.58	—	
Canada	1,621	1,749	690	238,902	275,734	60,441	147.38	157.65	87.60	
Chile	—	—	—	—	—	—	—	—	—	
Colombia	19	—	—	11,814	—	—	621.79	—	—	
French West Indies	—	—	—	—	—	—	—	—	—	
Mexico	165	990	636	10,560	48,915	36,657	64.00	49.41	57.64	
Peru	—	—	—	—	—	—	—	—	—	
Trinidad	—	—	—	—	—	—	—	—	—	
Venezuela	—	—	—	—	—	—	—	—	—	
Total, West Hmsphr	1,805	2,805	1,370	261,276	341,929	98,734	144.75	121.90	72.07	
Total, all nations	2,750	3,065	1,929	629,678	413,920	330,546	228.97	135.05	171.36	

Coal Coke, except calcined	Physical Value			Dollar Value			Prices—Avg. Value per Short Ton			
	July	June	Yr Ago	July	June	Yr Ago	July	June	Yr Ago	
Canada	—	—	7,932	—	—	785,268	—	—	99.00	
Guatemala	—	—	542	—	—	19,291	—	—	35.59	
Mexico	—	—	3,958	—	—	516,758	—	—	130.56	
Spain	—	—	25,919	—	—	894,235	—	—	34.50	
Total, all nations	—	—	38,351	—	—	2,215,552	—	—	57.77	
Petroleum coke, except calcined										
Asia & Africa										
China, Taiwan	—	—	—	—	—	—	—	—	—	
Japan	123,102	187,765	128,242	3,259,125	5,840,132	3,650,545	26.47	31.10	28.47	
South Africa	—	—	—	—	—	—	—	—	—	
Total, Asia & Africa	123,102	187,765	128,242	3,259,125	5,840,132	3,650,545	26.47	31.10	28.47	
Europe										
Belgium	86,862	62,162	61,000	2,487,968	3,286,763	1,269,195	28.64	52.87	20.81	
France	57,814	40,727	52,134	1,689,926	1,212,875	1,584,356	29.23	29.78	30.39	
Germany, F.R. (West)	19,551	42,090	50,159	571,476	974,857	1,607,119	29.23	23.16	32.04	
Italy	88,153	58,553	13,768	2,531,568	2,128,085	393,427	28.72	36.34	28.58	
Netherlands	56,225	131,134	78,388	1,571,606	3,090,482	2,511,553	27.95	23.57	32.04	
Norway	—	—	1,171	—	—	52,941	—	—	45.21	
Spain	59,290	—	57,851	1,482,247	—	1,280,161	25.00	—	22.13	
Sweden	—	—	—	—	—	—	—	—	—	
United Kingdom	—	—	86	—	—	2,413	—	—	28.06	
Total, Europe	367,895	334,666	314,557	10,334,791	10,693,062	8,701,165	28.09	31.95	27.66	
Western Hemisphere										
Brazil	—	22,461	—	—	718,780	—	—	32.00	—	
Canada	183,218	101,445	91,707	4,922,494	2,530,221	2,355,348	26.87	24.94	25.68	
Guyana	—	—	—	—	—	—	—	—	—	
Mexico	2,392	1,893	2,233	170,008	97,683	141,491	71.07	51.60	63.36	
Venezuela	3,628	—	2,437	300,000	—	192,344	82.69	—	—	
Total, West Hmsphr	189,238	125,799	96,377	5,392,502	3,346,684	2,609,183	28.50	26.60	27.90	
Total, all nations	680,235	648,230	539,176	18,986,418	19,879,878	15,040,893	27.91	30.67	27.90	
Coal coke, for use as fuel										
Asia & Africa										
Turkey	—	—	—	—	—	—	—	—	—	
Europe										
Belgium	21,069	—	—	678,532	—	—	32.21	—	—	
Germany, F.R. (West)	—	27,440	—	—	1,496,380	—	—	54.53	—	
Netherlands	87,185	54,806	—	3,740,905	2,586,165	—	42.91	47.19	—	
Spain	—	—	—	—	—	—	—	—	—	
United Kingdom	—	22,973	—	—	854,493	—	—	37.20	—	
Total, Europe	108,254	105,219	—	4,419,437	4,937,038	—	40.82	46.92	—	
Western Hemisphere										
Bahamas	—	—	—	—	—	—	—	—	—	
Brazil	—	58	—	—	7,832	—	—	135.03	—	
Canada	41,670	68,725	—	3,150,630	3,704,041	—	75.61	53.90	—	
Honduras	—	—	—	—	—	—	—	—	—	
Mexico	4,933	6,165	—	664,741	805,723	—	134.75	130.61	—	
Panama	23	—	—	4,075	—	—	177.17	—	—	
Venezuela	49	15,289	—	4,642	857,539	—	94.73	56.09	—	
Total, West Hmsphr	46,675	90,237	—	3,824,088	5,374,635	—	81.93	59.56	—	
Total, all nations	154,929	195,456	—	8,243,525	10,311,673	—	53.21	52.76	—	
Compositions used for fuel										
Asia & Africa										
Japan	—	—	—	—	—	—	—	—	—	
Europe										
Netherlands	—	122	18	—	34,374	4,766	—	281.75	264.78	
United Kingdom	—	—	—	—	—	—	—	—	—	
Total, Europe	—	122	18	—	34,374	4,766	—	281.75	264.78	
Western Hemisphere										
Bahamas	—	—	—	—	—	—	—	—	—	
Bermuda	—	—	20	—	4,231	—	—	211.55	—	
Canada	705	1,299	3,908	102,818	182,190	277,773	145.84	140.25	71.08	
Cayman	—	—	—	—	—	—	—	—	—	
Leeward & Windward Is.	—	10	—	—	1,276	—	—	127.60	—	
Mexico	166	82	66	33,409	13,627	10,175,201	26.166	18.154	17	
Neth. Antilles	—	—	6	—	1,654	—	—	275.

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NOTED BRIEFLY. . .

The Federal Energy Regulatory Commission over-ruled a hearing officer and tentatively gave the go-ahead for the nation's first synthetic pipeline gas plant. By a 2-to-1 vote, FERC met the demands of the financial backers — Citibank, Morgan Guaranty Trust and Bank of America — for the guarantee for the $1-billion coal gasification plant to be built by five major gas transmission companies at Beulah, N.D. The final decision will be handed down at a FERC meeting on Nov. 14. This would permit the gas transmission companies to charge their customers a pre-rated share of construction costs. The hearing judge had ruled against that method of charging customers and said the charges should be borne by all gas consumers.

House conservationists, led by Morris K. Udall, Dem of Ariz., have introduced an alternative proposal calling for an Energy Mobilization Board that would lack override powers on Federal, state and local laws. The bill is not supported by the Administration at this point.

The on-again, off-again merger of the Norfolk & Western Railway and Southern Railway is off again. A spokesman for N & W said it would be sometime next month before any decision is made. Both railroads are profitable and together would have a system with 17,600 route miles. In July indications were the decision would be made by the end of September.

Burlington Northern's board approved the purchase next year of an additional $7.4-million of equipment for its Fort Worth & Denver and Colorado & Southern subsidiaries. Purchases will include covered hoppers, boxcars and ballast cars. This boosts 1980 equipment purchases to $320.7-million.

National Railway Utilization Corporation registered with the SEC a public offering of 2,000 railroad boxcars at a total offering price of $92.6-million. The securities being offered are the boxcars themselves, together with 10-year management agreements under which National Railway would manage their operation. The company would manage the boxcars but wouldn't finance purchases of the cars by investors. Under a management agreement, the cars would be pooled in groups of 50 or more, with net revenue distributed and certain expenses being charged to each owner on a per rata basis. The company produces about 200 boxcars a month.

Kaiser Steel announced plans for closing its cold-rolled sheet mill at its Fontana works on Dec. 29. This will cause about 50 layoffs and is part of a

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COKE STUDY

IMPORTS TO REACH 5-MILLION TONS

By GENE SMITH

"Coke imports this year appear certain to reach their second highest level on record," Father William T. Hogan, S.J., said in an interview last week.

He estimated the total for the year at "between 4.5-million and 5-million tons," based on total imports of 2.9-million tons through August. The total for that month alone reached 504,000 tons, "the steel industry priest" explained, adding that 1.7-million tons of the total imported through August had come from West Germany.

Father Hogan said his research placed coke imports in 1978 at the annual high of 5.7-million tons. This was in sharp contrast to some observers who have insisted that as many as 8-million to 10-million tons of imported coke found their way into the United States last year.

Coke is of particular interest to Father Hogan at present since he is putting the finishing touches on a special study of the industry for the Commerce Department. Entitled "Analysis of the United States Metallurgical Coke Industry," the study is expected to be released within the next two weeks.

"We're looking at the entire coke oven picture," Father Hogan said. "We're examining every battery in the United States to determine the present condition and future potential of each and every installation. We want to analyze the potential for providing new batteries and to determine the replacement market. The big question is whether imports will provide a viable way to continue the industry in our country."

While he could not disclose his findings, the Fordham economist said there was "no question but that imports will continue heavy this year and into next since we don't have at present capacity to meet from domestic sources 83 per cent or maybe more of our own needs."

Father Hogan said it would be impossible to single out one or two causes for the deterioration of the coke industry since there are "numerous causes — perhaps 6 or 7 — and we can't assign a specific percentage to them. They're all to blame." Tentatively, he listed economics,

FATHER HOGAN: "looking at the entire coke oven picture."

regulatory, environmental — "they all share in the blame."

The study has been under way since January and runs to some 150 pages. It appears to have confirmed the fact that what is basically needed is more investment money, but Father Hogan would not indicate what the source of such funding might be. He confirmed that while there have been replacements for existing facilities, there has been very little net addition to total capacity.

William T. Roesch, president of United States Steel, pointed out in a front-page story in **Coal Industry News** last January that "the average

(Continued on page 2)

CHASE STUDY

Coal Good, Bad to '91

By STUART MAGOWAN

WASHINGTON — Predicting the future is a risky business at best. It is particularly hazardous when one tries to project with any certainty the future problems and prospects of any major industry, and most especially dangerous when it comes to foreseeing what lies ahead for the energy industries.

Occasionally a source most parties can agree is relatively "independent," yet highly knowledgeable, takes the bull by the horns and makes firm forecasts of future developments in the energy industries. The prestigious Chase Manhattan Bank of New York has recently published such a comprehensive projection for the coal industry.

Chase's "United States Coal Outlook" in the bank's monthly "Petroleum Situation" newsletter, has both good news and bad for the

(Continued on page 15)

CLEAN AIR CUTS COKE OUTPUT

By MIKE MYER

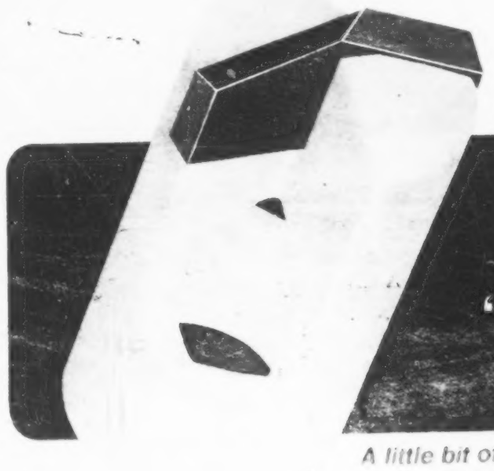
Environmental regulations which put a damper on the domestic coke industry have forced American steel makers to rely heavily on imports of coke and are responsible for the current slump in the metallurgical coal industry, according to steel officials.

Though the amount of coke imports into the United States appears to have stabilized, there's little reason to believe imports will decrease much for the next several years, say steel executives.

Thousands of coal miners have been laid off and production from their mines cut back in recent years, as domestic steel makers cut back on coke production and began buying more coke overseas.

Owners of much of the high-quality metallurgical coal used in coke making are reluctant to sell their normal-

(Continued on page 2)



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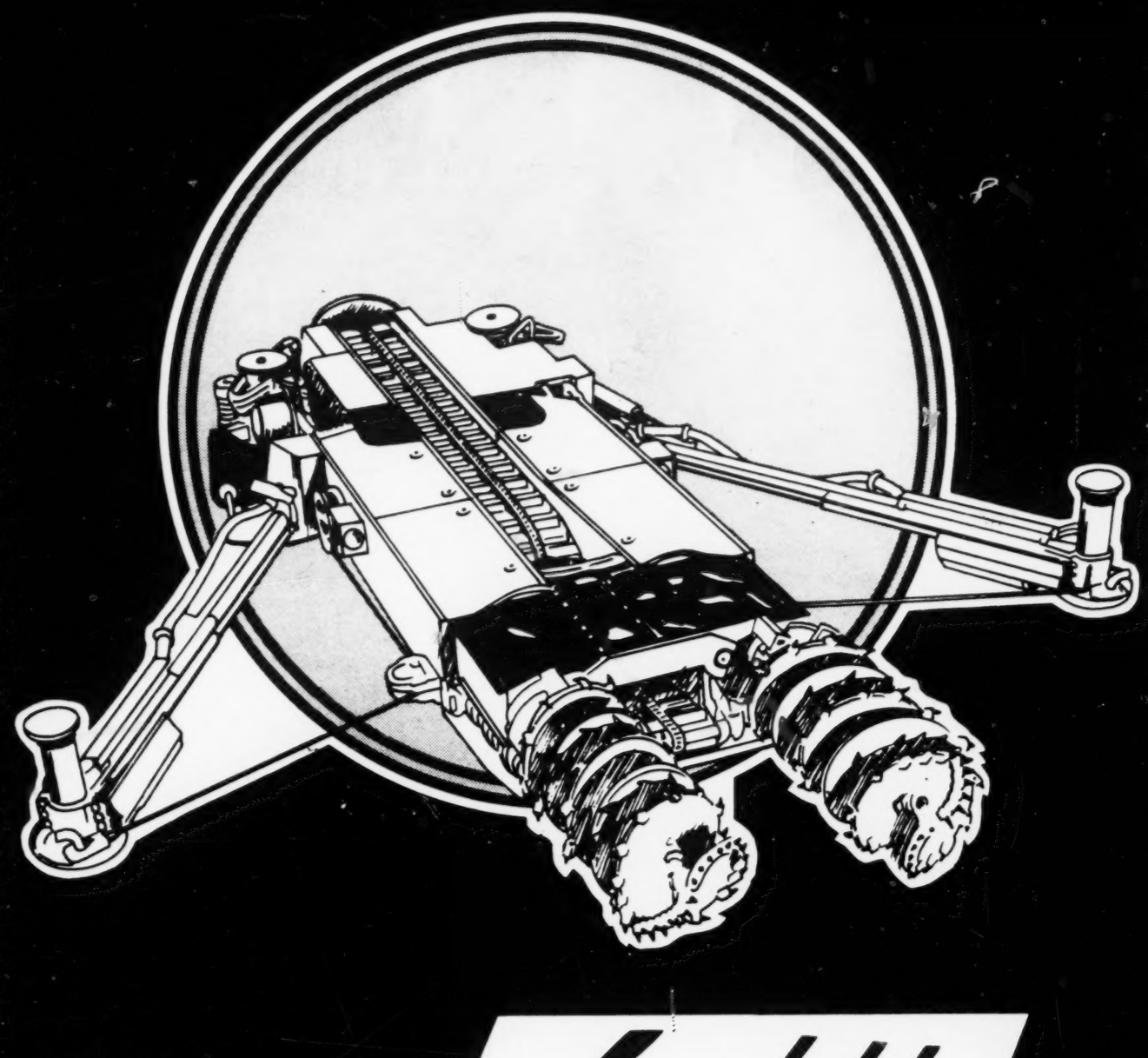

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